

Amendments to Claims

Claims 1-27 (canceled).

28. (New) A nonflammable refrigerant composition consisting of:

- (a) pentafluoroethane in an amount from 62-70% based on the weight of the composition;
- (b) 1,1,1,2, tetrafluoroethane in an amount from 26 to 36% by weight based on the weight of the composition;
- (c) hydrocarbon that is at least 70% isobutane in an amount of from 1- 4% by weight based on the weight of the composition; and
- (d) up to 5% another fluorohydrocarbon.

29. (New) A nonflammable refrigerant composition consisting of:

- (a) pentafluoroethane in an amount from 62-70% based on the weight of the composition;
- (b) 1,1,1,2, tetrafluoroethane in an amount from 26 to 36% by weight based on the weight of the composition;
- (c) hydrocarbon that is at least 70% isobutane in an amount of from 1- 4% by weight based on the weight of the composition;
- (d) up to 5% another fluorohydrocarbon; and
- (e) at least one lubricant.

30. (New) A nonflammable refrigerant composition consisting of:

- (a) pentafluoroethane in an amount from 62-70% based on the weight of the composition;

- (b) 1,1,1,2, tetrafluoroethane in an amount from 26 to 36% by weight based on the weight of the composition;
- (c) hydrocarbon that is at least 70% isobutane in an amount of from 1- 4% by weight based on the weight of the composition;
- (d) up to 5% another fluorohydrocarbon;
- (e) at least one lubricant; and
- (f) at least one additive.

31. (New) A nonflammable refrigerant composition consisting of:

- (a) pentafluoroethane in an amount from 62-70% based on the weight of the composition;
- (b) 1,1,1,2, tetrafluoroethane in an amount from 26 to 36% by weight based on the weight of the composition;
- (c) hydrocarbon that is at least 70% isobutane in an amount of from 1- 4% by weight based on the weight of the composition;
- (d) up to 5% another fluorohydrocarbon; and
- (e) at least one additive.

32. (New) The nonflammable composition according to Claim 29 wherein the at least one lubricant is selected from the group consisting of mineral oils, alkylbenzene lubricants, synthetic lubricants, and fluorinated oils and mixtures thereof.

33. (New) The nonflammable composition according to Claim 30 wherein at least one lubricant is selected from the group consisting of mineral oils, alkylbenzene lubricants, synthetic lubricants, and fluorinated oils and mixtures thereof; and at least one additive is selected from the group consisting of extreme pressure, antiwear improvers, oxidation inhibitors, thermal stability improvers, corrosion inhibitors improvers, viscosity index improvers, pour point depressants, detergents, anti-foaming agents, and viscosity

adjusters.

34. (New) The nonflammable composition according to Claim 31 wherein at least one additive is selected from the group consisting of extreme pressure, antiwear improvers, oxidation inhibitors, thermal stability improvers, corrosion inhibitors improvers, viscosity index improvers, pour point depressants, detergents, anti-foaming agents, and viscosity adjusters.

35. (New) The composition according to Claim 28, wherein the hydrocarbon is only isobutane is an amount from 3 -4 % by weight based on the weight of the composition.

36. (New) The composition according to Claim 28 in which component (d) is selected from the group consisting of trifluoromethane, difluoromethane, and mixtures thereof.

37. (New) The composition according to Claim 28 in which component (a) is present in an amount above 62% up to 67% by weight based on the weight of the composition.

38. (New) The composition according to Claim 28 in which component (b) is present in an amount about 28% to about 32% by weight based on the weight of the composition.

39. (New) A refrigeration apparatus containing, as refrigerant, a composition as claimed in Claim 28.

40. (New) A refrigeration apparatus containing, as refrigerant, a composition as claimed in Claim 29, 30, or 31.

41. (New) The composition according to Claim 28 wherein the component (a) is 64.9 weight %, component , component (b) is 31.7 weight %, and component (c) is 3.4 weight % isobutane.

42. The refrigerant composition of Claim 28, wherein component (d) does not exceed about 2% by weight of the sum of the weight of components (a), (b) and (c) composition.